

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)	Application Number	
	Filing Date	July 30, 2003
	First Named Inventor	Seth A. Foerster et al.
	Group Art Unit	
	Examiner Name	
	Attorney Docket Number	END 897 DIV1

Sheet 1 of 3

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		Kind Code Number (if known)				
78		RE 34,936		Campbell et al.	5/9/95	ALL
		3,120,230		Skold	10/24/60	ALL
		3,945,375		Banko	3/23/76	ALL
		3,958,576		Komiya	5/25/76	ALL
		3,996,935		Banko	12/14/76	ALL
		4,080,959		Leveen	3/28/78	ALL
		4,103,692		Baier et al.	8/1/78	ALL
		4,210,146		Banko	7/1/80	ALL
		4,250,892		Dolhay et al.	2/17/81	ALL
		4,320,761		Haddad	3/23/82	ALL
		4,583,538		Onik et al.	4/22/86	ALL
		4,649,151		Dougherty et al.	3/10/87	ALL
		4,699,154		Lindgren	10/13/87	ALL
		4,682,606		DeCaprio	7/28/87	ALL
		4,693,237		Hoffman et al.	9/15/87	ALL
		4,733,664		Kirsch et al.	3/29/88	ALL
		4,832,685		Haines	5/23/89	ALL
		4,853,210		Kass	8/1/89	ALL
		4,881,551		Taylor	11/21/89	ALL
		4,907,599		Taylor	3/13/90	ALL
		4,909,250		Smith	3/20/90	ALL
		4,929,240		Kirsch et al.	5/29/90	ALL
		4,935,005		Haines	6/19/90	ALL
		4,944,308		Akerfeldt	7/31/90	ALL
		4,994,069		Ritchart et al.	2/19/91	ALL
		4,995,877		Ams et al.	2/26/91	ALL
	5,018,530		Rank et al.	5/28/91	ALL	
78		5,108,407		Gerenia et al.	4/28/92	ALL
Examiner Signature	Brian Samuel			Date Considered	5-18-06	

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28		5,025,797		Baran	6/25/91	ALL
		5,108,407		Geremia et al.	4/28/92	ALL
		5,112,299		Pascaloff	5/12/92	ALL
		5,125,413		Baran	6/30/92	ALL
		5,127,916		Spencer et al.	7/7/92	ALL
		5,133,661		Euvrard	7/28/92	ALL
		5,147,307		Gluck	9/15/92	ALL
		5,156,609		Nakao et al.	10/20/92	ALL
		5,188,111		Yates et al.	2/23/93	ALL
		5,192,270		Carswell, Jr.	3/9/93	ALL
		5,192,292		Cezana et al.	3/9/93	ALL
		5,195,540		Shiber	3/23/92	ALL
		5,197,482		Rank et al.	3/30/93	ALL
28		5,201,314		Bosley et al.	4/13/93	ALL

FOREIGN PATENT DOCUMENTS

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		Office ³	Number ⁴	KindCode ⁵				
28		EPO	0 146 699	A1	Bahler et al.	7/3/85	ALL	
28		EPO	0 293 605	B1	Herms et al.	11.08.93	ALL	

Examiner Signature	Brian Smeal	Date Considered	5-18-06
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<i>BS</i>		5,209,232		Levene	5/11/93	ALL
		5,217,478		Rexroth	6/8/93	ALL
		5,221,269		Miller et al.	6/22/93	ALL
		5,226,911		Chee et al.	7/13/93	ALL
		5,234,426		Rank et al.	8/10/93	ALL
		5,242,456		Nash et al.	7/7/93	ALL
		5,275,609		Pingleton et al.	1/4/94	ALL
		5,280,457		Figuroa et al.	1/18/94	ALL
		5,329,635		Smith	6/14/94	ALL
		5,342,283		Good	8/30/94	ALL
		5,364,406		Sewell, Jr.	11/15/94	ALL
		5,400,798		Baran	3/28/95	ALL
		5,403,276		Schechter et al.	4/4/95	ALL
		4,103,690		Harris	8/1/78	ALL
<i>BS</i>		5,024,727		Campbell et al.	8/18/91	ALL

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<i>BS</i>		EPO	0 350 043	B1	Palestrant et al.	19.08.92	ALL	
		EPO	0 481 685	A1	Miller et al.	22.04.92	ALL	
		PCT	90/15576	A1	Rank et al.	27.12.90	ALL	
		PCT	93/19803	A1	Heath et al.	14/10/93	ALL	
<i>BS</i>		GB	2 132 091	A	Norton et al.	7/4/84	ALL	

Examiner
Signature*Brian Smith*Date
Considered*5-18-06*

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First Named Inventor	Seth A. Foerster et al.
Group Art Unit	Not Assigned
Examiner Name	Not Assigned
Attorney Docket Number	END -897 DIV1

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		Kind Code	Number (if known)		
JS		Re.	35,391	Brauman	12-03-1996
			3,194,239	Sullivan	01-16-1963
			4,298,998	Naficy	11-10-1981
			4,347,234	Wahlig et al.	08-31-1982
			4,365,572	Guldemir et al.	11-02-1982
			4,511,653	Play et al.	04-16-1985
			4,703,108	Silver et al.	10/27/1987
			5,061,281	Mares et al.	10-29-1991
			5,085,629	Galberg et al.	02-04-1992
			5,120,802	Mares et al.	06-09-1992
			5,127,916	Spencer et al.	07-07-1992
			5,192,300	Fowler	03-19-1993
			5,195,988	Hanga	03-23-1993
			5,274,074	Tang et al.	12-28-1993
			5,433,751	Christel et al.	07-18-1995
			5,470,308	Edwards et al.	11-28-1995
			5,514,379	Weissleder et al.	05-07-1996
			5,522,896	Prescott	06-04-1996
			5,824,081	Knopp et al.	10-20-1998
			5,869,080	McGregor et al.	02-09-1999
			5,922,024	Janzen et al.	07-13-1999
BS			6,066,325	Wallace et al.	05-23-2000
			6,214,045	Corbitt, Jr. et al.	04-10-2001
		2004/0024304	A1	Foerster et al.	02-05-2004
		2001/0034528	A1	Foerster et al.	10-25-2001
Examiner Signature	Bryon Simel			Date Considered	5-8-06

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Sheet 2 of 3

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS				
Examiner's Initials*	Cite No. ¹	Include name of the author (in CAPITOL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²	
B		WANG HOM-LAY et al. "Evaluation of an Absorbable Collagen Membrane in Treating Class II Furcation Defects"; pp 1029-1036. November 1994.		
		BROPHY M. REGINA et al. "Biodegradable Polyester Polymers as Drug Carriers". Pp 1-25.		
		SWARBRICK JAMES and BOYLAN JAMES. "Bioabsorbable Polymers." The Encyclopedia of Pharmaceutical Technology. Vol. 1. Absorption of Drugs to Bioavailability of Drugs and Bioequivalence. New York and Basel. Pp 465-476.		
		PARK, KINAM; SHALABY, WALEED AND PARK HAESUN. "Biodegradable Hydrogels for Drug Delivery." Purdue University School of Pharmacy. Pp. 13-19.		
		TSCHAKALOFF A. et al. "Degradation Kinetics of Biodegradable implants depending on the site of implantation." Int. Journal of Oral & Maxillofacial Surgery. 1994. Pp. 443-445.		
		VERT, MICHEL, MAUDUIT, JACQUES AND LI, SUMING. "Biodegradation of PLA/GA Polymers Increasing complexity." Biomaterials 1994 Vol. 15, No. 15, Pp. 1209-1213.		
		HOFFMAN, G.O. "Biodegradable Implants in Traumatology A Review on the State-of-the Art." Arch Cathop Trauma Surgery. 1995 Pp. 114: 123-132.		
		BOSTMAN, O. AND PIHLAJAMAKI, H. "Clinical Biocompatibility of Biodegradable Orthopaedic Implants for Internal Fixation." Biomaterials 21 (2000) Pp. 2615-2621.		
		ALONSO, MARIA J., GUPTA, RAJESH K. et al. "Biodegradable Microspheres as Controlled-Release Tetanus Toxoid Delivery Systems." Vaccine 1994 Vol. 12 No. 4. Pp. 299-304.		
		AN, YUEHUEI H., WOOLF, SHANE K., FRIEDMAN, RICHARD. "Pre-clinical in Vivo Evaluation of Orthopaedic Bioabsorbable Devices." Biomaterials 21 (2000) Pp. 2635-2652.		
		MOONEY, D.J. et al. "Transplantation of Hepatocytes Using Porous, Biodegradable Sponges." Transplantation Proceedings, Vol. 26, No. 6 Dec. 1994 Pp 3425-3426.		
		CUTRIGHT, DUANE E. et al. "Degradation Rates of Polymers and Copolymers of Poly(lactic and Polyglycolic Acids)." U.S. Army Institute of Dental Research, Walter Reed Army Medical Center, Washington, D. C. Pp. 142-151		
		KULKARNI, R. K. PHD. Et al.; "Poly(lactic Acid) for Surgical Implants." Arch Surgery. Vol. 93, Nov. 1866 Pp. 839-843.		
		KULKARNI, R. K. PHD. Et al.; "Biodegradable Poly(lactic acid) Polymers." U.S. Army Institute of Dental Research, Walter Reed Army Medical Center, Washington, D. C. (1971) Vol. 5, Pp. 169-181		
		CHASIN, MARK AND LANGER, ROBERT. - LEWIS, DANNY H. "Biodegradable Polymers as Drug Delivery Systems." Controlled Release of Bioactive Agents from Lactide/Glycolide Polymers Ch. 1 Pp -41 (1990). And BOGDANSKY, SIMON "Natural Polymers as Drug Delivery Systems." Pp. 231-259.		
		HUANG, SAMUEL J. et al.; "Hydrophilic-Hydrophobic Biodegradable Polymers: Release characteristics of Hydrogen-Bonded, Ring-Containing Polymer Matrices. (1994) Biomaterials (1994, Vol. 15 No. 15 Pp. 1243-1247.		
		BECKER, PAUL L. "Comparison of Antibiotic Release from Polymethylmethacrylate Beads and Sponge Collagen." Journal of Orthopaedic Research. (1994) Vol. 12, No. 5.		
		MACKINNON, SUSAN E. "Clinical Nerve Reconstruction with a Bioabsorbable Polyglycolic Acid Tube." Plastic and Reconstructive Surgery, March 1990.		
		NAKAMURA, T., et al. "New Bioabsorbable Pledgets and Non-Woven Fabrics Made from Polyglycolide (PGA) for Pulmonary Surgery. Clinical Experience." Thoracic Cardiovascular Surgeons. (1990) Pp. 81-85.		
		TONG, XIAO-JIE, et al.; "Sciatic Nerve Regeneration Navigated by Laminin-Fibronectin Double Coated Biodegradable Collagen Grafts in Rats." BRAIN RESEARCH 663 (1994) Pp. 155-162.		
		MATSUSUE, YOSHITAKA, et al.; "In Vitro and In Vivo Studies on Bioabsorbable Ultra-High-Strength Poly (L-Lactide) Rods." Journal of Biomedical Materials Research (1992) Vol. 28, Pp. 1553-1567.		
		HUTMACHER, DIETMAR. "A Review of Material Properties of Biodegradable and Bioresorbable Polymers and Devices for GTR and GBR Applications." The International Journal of Oral & Maxillofacial Implants." (1998) Vol. 11 No 5, Pp. 667-678.		
	Examiner Signature	Brian S. Snel		Date Considered
				5-18-06

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Application Number	10/630,883
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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

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B8		PARK, KINAM et al.; "Biodegradable Hydrogels for Drug Delivery." Purdue University, School of Pharmacy. Pp. 2-28	
		CHU, C.C. and DUMITRIU, SEVERIAN <u>Polymeric Biomaterials 2nd ed.</u> , "Biodegradable Biomaterials Having Nitric Oxide Biological Activity." Ch. 5. Pp 123-124. and ROKKANEN, PENTTI U., "Bioabsorbable Polymers for Medical Applications with an Emphasis on Orthopedic Surgery. Ch. 20 Pp. 545-547.	
		MIDDLETON, John C. and TIPTON, ARTHUR; "Synthetic Biodegradable Polymers as Medical Devices." (March 1998) Pp. 1-14 of website: http://www.device-link.com/mpf/archive/98/03/002.html . 08-28-2002.	
		TSURUTA, TEIJI ; KIMURA, YOSHIBARU Et al. "Biomedical Applications of Polymeric Materials." 1993 Pp. 184-186.	
		PARKER, STEVE H. and KLAUS, ANITA J. "Performing a Breast Biopsy with A Directional, Vacuum-Assisted Biopsy Instrument." <u>From the RSNA Refresher Courses- Continuing Education</u> (1997) Vol. 17 No. 5 pp. 1233-1252.	
B8		LEONARD, CHARLES MD. Et al. "Use of Ultrasound to Guide Radiation Boost Planning Following Lumpectomy for Carcinoma of The Breast." (Aug. 1993) <u>International Radiation Oncology Biology Phys.</u> Vol. 27. pp. 1193-1197	
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B		3,592,185		Ephraim, et al.	07-13-1971	ALL
		4,087,791		Lemberger	05-02-1978	ALL
		4,541,438		Parker, et al.	09-17-1985	ALL
		4,735,210		Goldenberg	04-05-1988	ALL
		4,735,796		Gordon	04-05-1988	ALL
		5,041,826		Milheiser	08-20-1991	ALL
		5,101,827		Goldenberg	04-07-1992	ALL
		5,114,703		Wolf, et al.	05-19-1992	ALL
		5,127,916		Spencer, et al.	07-07-1992	ALL
		5,300,120		Knapp, et al.	04-05-1994	ALL
		5,433,751		Christel, et al.	07-18-1995	ALL
		5,437,279		Gray	08-01-1995	ALL
		5,470,308		Edwards, et al.	11-28-1995	ALL
		5,482,040		Martin, Jr.	01-09-1996	ALL
		5,498,536		Wolf	03-05-1996	ALL
		5,514,379		Weissleder, et al.	05-07-1996	ALL
		5,555,885		Chance	09-17-1996	ALL
		5,579,766		Gray	12-03-1996	ALL
	PR		5,582,172		Papisov, et al.	12-10-1996

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		WO	98/09247	A1	Cothren, et al.	03-05-1998	ALL	
		WO	98/52617	A2	McIntire, et al.	11-28-1998	ALL	

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		5,674,288		Knapp, et al.	10-07-1997	ALL
		5,697,902		Goldenberg	12-16-1997	ALL
		5,716,407		Knapp, et al.	02-10-1998	ALL
		5,725,578		Knapp, et al.	03-10-1998	ALL
		5,732,704		Thurston, et al.	03-31-1998	ALL
		5,776,093		Goldenberg	07-07-1998	ALL
		5,776,094		Goldenberg	07-07-1998	ALL
		5,803,913		Khalkhali, et al.	09-08-1998	ALL
		5,810,806		Ritchart, et al.	09-22-1998	ALL
		5,855,609		Knapp	01-05-1999	ALL
		5,857,463		Thurston, et al.	01-12-1999	ALL
		5,868,778		Gershony, et al.	02-09-1999	ALL
		5,895,640		Khalkhali	04-20-1999	ALL
		5,899,865		Chance	05-04-1999	ALL
		5,913,857		Ritchart, et al.	06-22-1999	ALL
		5,970,986		Bolz, et al.	10-26-1999	ALL
		5,977,431		Knapp, et al.	11-02-1999	ALL

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear	T ^o
		Office ³	Number ⁴	Kind Code ⁵				
B8		WO	99/25248	A1	Carroll	05-27-1999		
B8		WO	99/46284	A2	Rajotte, et al.	09-16-1999		

Examiner Signature	<i>Edwin Samuel</i>	Date Considered	<i>5-18-05</i>
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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 5

Application Number	10/630,883
Filing Date	July 30, 2003
First Named Inventor	Seth A. Foerster, et al.
Group Art Unit	3736
Examiner Name	Not Assigned
Attorney Docket Number	END-897 DIV 1

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		Number	Kind Code ¹ (if known)			
BS		4,248,214		Hannah, et al.	02-03-1981	ALL
		4,541,438		Parker, et al.	09-17-1985	ALL
		4,592,356		Gutierrez	06-03-1986	ALL
		4,774,948		Markham	10-04-1988	ALL
		4,799,495		Hawkins, et al.	01-24-1989	ALL
		4,813,422		Fisher, et al.	03-21-1989	ALL
		4,817,622		Pennypacker, et al.	04-04-1989	ALL
		4,852,568		Kensey	08-01-1989	ALL
		4,966,583		Debbas	10-30-1990	ALL
		4,986,279		O'Neill	01-22-1991	ALL
BS		5,014,713		Roper, et al.	05-14-1991	ALL
		5,018,530		Rank, et al.	05-28-1991	ALL

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear	T ²
		Office ³	Number ⁴	Kind Code ⁵				
BS		EP	0 894 503	A2	Stinson	08-06-1998	ALL	
BS		PCT	00/38579	A2	Sirimanne, et al.	12-23-1999	ALL	

Examiner Signature	Bryan Sewell	Date Considered	5-18-06
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 2 of 5

Application Number	10/630,883
Filing Date	July 30, 2003
First Named Inventor	Seth A. Foerster, et al.
Group Art Unit	3736
Examiner Name	Not Assigned
Attorney Docket Number	END-897 DIV 1

U.S. PATENT DOCUMENTS

U.S. Patent Documents						
Examiner Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		Number	Kind Code (if known)			
JS		5,080,655		Haaga	01-14-1992	ALL
		5,083,570		Mosby	01-28-1992	ALL
		5,158,084		Ghiatas	10-27-1992	ALL
		5,195,988		Haaga	03-23-1993	ALL
		5,197,482		Rank, et al.	03-30-1993	ALL
		5,221,269		Miller, et al.	06-22-1993	ALL
		5,325,857		Nabai, et al.	07-05-1994	ALL
		5,334,216		Vidal, et al.	08-02-1994	ALL
		5,353,804		Kornberg, et al.	10-11-1994	ALL
		5,388,588		Nabai, et al.	02-14-1995	ALL
		5,394,886		Nabai, et al.	03-07-1995	ALL
JS		5,409,004		Sloan	04-25-1995	ALL

FOREIGN PATENT DOCUMENTS

[illegible]

Examiner Signature	<i>Broder Senior</i>	Date Considered	5-18-05
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Examiner:	Considered	8-10-05
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PTO/SB/08A (08-00)

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 3 of 5

Application Number	10/630,883
Filing Date	July 30, 2003
First Named Inventor	Seth A. Foerster, et al.
Group Art Unit	3736
Examiner Name	Not Assigned
Attorney Docket Number	END-897 DIV 1

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		Number	Kind Code ² (if known)			
<i>BS</i>		5,423,321		Fontenot	06-13-1995	ALL
		5,467,780		Nabai, et al.	11-21-1995	ALL
		5,479,936		Nabai, et al.	01-02-1996	ALL
		5,483,972		Nabai, et al.	01-16-1996	ALL
		5,487,392		Haaga	01-30-1996	ALL
		5,517,997		Fontenot	05-21-1996	ALL
		5,526,822		Burbank, et al.	06-18-1996	ALL
		5,556,410		Mittermeir, et al.	09-17-1996	ALL
		5,571,182		Ersek, et al.	11-05-1996	ALL
		5,647,374		Cutrer	07-15-1997	ALL
		5,660,185		Shmulewitz, et al.	08-26-1997	ALL
<i>BS</i>		5,795,308		Russin	08-18-1998	ALL

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear	T ³
		Office ³	Number ⁴	Kind Code ⁵				

Examiner Signature	<i>Brian S. Smeal</i>	Date Considered	5-18-06
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 4 of 5

Application Number	10/630,883
Filing Date	July 30, 2003
First Named Inventor	Seth A. Foerster, et al.
Group Art Unit	3738
Examiner Name	Not Assigned
Attorney Docket Number	END-897 DIV 1

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		Number	Kind Code ² (if known)			
BP		5,807,276		Russin	09-15-1998	ALL
		5,873,904		Ragheb, et al.	02-23-1999	ALL
		5,980,564		Stinson	11-09-1999	ALL
		6,053,876		Fisher	04-25-2000	ALL
		6,161,034		Burbank, et al.	12-12-2000	ALL
		6,183,497	B1	Sing, et al.	02-06-2001	ALL
		6,228,055	B1	Foerster, et al.	05-08-2001	ALL
		6,231,834	B1	Unger, et al.	05-15-2001	ALL
		6,271,278	B1	Park, et al.	08-07-2001	ALL
		6,335,028	B1	Vogel, et al.	01-01-2002	ALL
BB		6,356,782	B1	Sirimanne, et al.	03-12-2002	ALL

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵				

Examiner Signature	<i>Brian Smith</i>	Date Considered	5-18-06
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 5 of 5

Application Number	10/630,883
Filing Date	July 30, 2003
First Named Inventor	Seth A. Foerster, et al.
Group Art Unit	3736
Examiner Name	Not Assigned
Attorney Docket Number	END-897 DIV 1

[illegible]

Examiner Signature	<i>Brian Lima</i>	Date Considered	5-18-06
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete if Known

Application No.	10/630,883
Filing Date	July 30, 2003
First Named Inventor	FOERSTER
Art Unit	3736
Examiner Name	Not Yet Assigned
Attorney Docket No.	032;290-111 (formerly END-897DIV2)

Sheet 1 of 4

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	Document No.	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
<i>JS</i>	1.	US 2,609,347	09/1952	Wilson	
	2.	US 2,653,917	09/1953	Hammon	
	3.	US 2,659,935	11/1953	Hammon	
	4.	US 2,664,366	12/1953	Wilson	
	5.	US 2,664,367	12/1953	Wilson	
	6.	US 2,846,407	08/1958	Wilson	
	7.	US 3,001,522	09/1961	Silverman	
	8.	US 3,823,212	07/1974	Chvapil	
	9.	US 4,230,123	10/1980	Hawkins	
	10.	US 4,320,201	03/1982	Berg	
	11.	US 4,248,214	02/1981	Hannah	
	12.	US 4,356,572	11/1982	Guillemin	
	13.	US 4,592,356	06/1986	Gutierrez	
	14.	US 4,744,364	05/1988	Kensey	
	15.	US 4,789,401	12/1988	Ebinger	
	16.	US 4,790,329	12/1988	Morris	
	17.	US 4,832,686	05/1989	Anderson	
	18.	US 4,900,304	02/1990	Fujioka	
	19.	US 4,970,298	11/1990	Silver	
	20.	US 5,080,655	01/1992	Haaga	
	21.	US 5,083,570	01/1992	Mosby	
	22.	US 5,148,813	09/1992	Bucalo	
	23.	US 5,158,084	10/1992	Ghiatas	
	24.	US 5,158,565	10/1992	Marcadis	
	25.	US 5,204,382	04/1993	Wallace	
	26.	US 5,207,705	05/1993	Trudell	
<i>JS</i>	27.	US 5,234,426	08/1993	Rank	

Examiner
Signature

Brian Samuel

Date
Considered

5-18-06

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**INFORMATION DISCLOSURE
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Complete if Known

Application No.	10/630,883
Filing Date	July 30, 2003
First Named Inventor	FOERSTER
Art Unit	3736
Examiner Name	Not Yet Assigned
Attorney Docket No.	032,290-111 (formerly END-897DIV2)

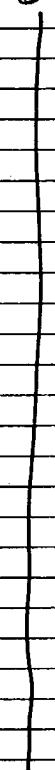
Sheet

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of

4

U.S. PATENT DOCUMENTS

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	28.	US 5,325,857	07/1994	Nabai	
	29.	US 5,326,350	07/1994	Li	
	30.	US 5,334,216	08/1994	Vidal	
	31.	US 5,353,804	10/1994	Kornberg	
	32.	US 5,388,588	02/1995	Nabai	
	33.	US 5,394,886	03/1995	Nabai	
	34.	US 5,395,319	03/1995	Hirsch	
	35.	US 5,409,004	04/1995	Sloan	
	36.	US 5,411,522	05/1995	Trott	
	37.	US 5,423,321	06/1995	Fontenot	
	38.	US 5,445,167	08/1995	Yoon	
	39.	US 5,467,780	11/1995	Nabai	
	40.	US 5,469,854	11/1995	Unger	
	41.	US 5,479,936	01/1996	Nabai	
	42.	US 5,483,972	01/1996	Nabai	
	43.	US 5,507,813	04/1996	Dowd	
	44.	US 5,517,997	05/1996	Fontenot	
	45.	US 5,556,410	09/1996	Mittermier	
	46.	US 5,571,182	11/1996	Ersek	
	47.	US 5,645,566	07/1997	Brenneman	
	48.	US 5,647,374	07/1997	Crttr	
	49.	US 5,660,185	08/1997	Shmulewitz	
	50.	US 5,670,161	09/1997	Healy	
	51.	US 5,716,404	02/1998	Vicante	
	52.	US 5,752,974	05/1998	Rhee	
	53.	US 5,795,308	08/1998	Russin	
	54.	US 5,807,276	09/1998	Russin	
	55.	US 5,902,310	05/1999	Foerster	

Examiner
Signature*Brian Senal*Date
Considered*5-18-06*

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Complete if Known

Application No.	10/630,883
Filing Date	July 30, 2003
First Named Inventor	FOERSTER
Art Unit	3736
Examiner Name	Not Yet Assigned
Attorney Docket No.	032,290-111 (formerly END-897DIV2)

Sheet

3

of

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U.S. PATENT DOCUMENTS

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BS	56.	US 5,941,910	08/1999	Schindler	
	57.	US 5,980,564	11/1999	Stinson	
	58.	US 5,676,146 (B1)	04/2000	Scarborough	
	59.	US 6,053,876	04/2000	Fisher	
	60.	US 6,053,925	04/2000	Barnhart	
	61.	US 6,083,522	07/2000	Chu	
	62.	US 6,162,192	12/2000	Cragg	
	63.	US 6,174,330 B1	01/2001	Stinson	
	64.	US 6,220,248	04/2001	Voegele	
	65.	US 6,231,834	05/2001	Unger	
	66.	US 6,335,028	05/2001	Vogel	
	67.	US 6,271,278	08/2001	Park	
	68.	US 6,356,782	03/2002	Sirimanne	
	69.	US 6,371,904	04/2002	Sirimanne	
	70.	US 6,766,186	07/2004	Hoyns	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
		Country Code ² Number ⁴ Kind Code (if known)				
BS	71.	DE 0935625	11/1955			
	72.	EP 0255123	02/1988			
	73.	EP 0534696	03/1993			
	74.	DE 4330958	03/1995			
	75.	FR 2714284	06/1995			
	76.	DE 4403789	08/1995			
	77.	WO 9608208	03/1996			
	78.	EP 0769281	04/1997			

Examiner
Signature

Boris Samel

Date
Considered

5-15-06

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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

NBI:678442.1

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Substitute for form 1449A-PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known			
		Application No.	10/630,883		
		Filing Date	July 30, 2003		
		First Named Inventor	FOERSTER		
		Art Unit	3736		
		Examiner Name	Not Yet Assigned		
Sheet	4	of	4	Attorney Docket No.	032,290-111 (formerly END-897DIV2)

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴ Kind Code (if known)				
BS	79.	WO	9847430	10/1998			
	80.	WO	0038579	07/2000			

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s) volume-issue number(s), publisher, city and/or country where published	T ²
BS	81.	CLARKSON, P.: "Sponge Implants for Flat Breasts," Proceedings of the Royal Society of Medicine, Vol. 53 at 880-881 (1960)	
	82.	DUFRANE, P. et al: "Prebiopsy Localization of Non-Palpable Breast Cancer," Journal Belgede Radiologie (October 1, 1990) Vol. 73, No. 5	
	83.	EPO Search Report dated December 5, 2003 for EPO Application number EP 03 07 5084	
	84.	FOURNIER et al: "Experimental Studies and Preliminary Clinical Trial of Vinorelbine-loaded Polymeric Bioresorbable Implants for the Local Treatment of Solid Tumors", Cancer Research 51, pp. 5384-5391, October 1, 1991	
	85.	HUSSMAN et al: "MR Mammographic Localization Work in Progress," Radiology, 189-915-917 (1993)	
	86.	HUSSMAN et al: "Optical Breast Lesion Localization Fiber: Preclinical Testing of a New Devie," Radiology, 200:865-866 (September 1996)	
	87.	PANGMAN, W.J. and WALLACE, R.M.: "The Use of Plastic Prosthesis in Breast Plastic and Other Soft Tissue Surgery," The Western Journal of Surgery, Obstetrics and Gynecology at 508 (August 1955)	
	88.	Surgical Treatment of Breast disease, Making the Diagnosis of Breast Cancer: Non-Palpable Breast Masses, BreastDoctor.com, http://breastdoctor.com/breast/surgery/biopsy.htm	
BS	89.	Surgical Treatment of Breast Disease: What's New? Diagnosing Breast Cancer: The ABBI Breast Biopsy System, BreastDoctor.com, http://breastdoctor.com/breast/surgery/abbi.htm	

Examiner Signature	<i>Brian Samuel</i>	Date Considered	5-18-06
<p>*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emporor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.</p> <p>This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.</p>			
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STATEMENT BY APPLICANT
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Sheet 1 of 2

Application Number	
Filing Date	7-30-2003
First Named Inventor	Seth A. Foerster
Group Art Unit	
Examiner Name	
Attorney Docket Number	END-897 D1V1

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		Number	Kind Code ² (if known)			
B8		6,071,301		Cragg et al.	06/06/2000	ALL
		6,174,330 B1		Stinson	01/16/2001	ALL
		6,183,497B1		Sing et al.	02/06/2001	ALL
		6,214,045B1		Corbitt, Jr. et al.	04/10/2001	ALL
		5,487,392		Haaga	01/30/1996	ALL
		5,626,611		Liu et al.	05/06/1997	ALL
		5,676,146		Scarborough	10/14/1997	ALL
B8		B1 5,676,146		Scarborough	04/18/2000	All

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	Foreign Patent Document			Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear	T ⁴
		Office ³	Number ⁴	Kind Code ⁵			
B8		WO	00/78228A1		28-12-2000	ALL	
		WO	98/10712		19-03-1998	ALL	
B8		WO	95/13746		26-05-1995	ALL	

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner's Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
B8		PARKER and KLAUS; From the RSNA Refresher Courses: Performing a Breast Biopsy With Directional, Vacuum-assisted Biopsy Instrument; Radiographics Vol 17/5, 1997, pp 1233-1252	
		LEONARD et al.; USE OF ULTRASOUND TO GUIDE RADIATION BOOST PLANNING FOLLOWING LUMPECTOMY FOR CARCINOMA OF THE BREAST; Int. Journal Radiation Oncology, Vol 27, 1993, pp 1193-1197	
		THOMSON et al.; Stereotactic Brain Biopsy Using a Narrow Aperture Computed Tomography Scanner; Clinical Radiology, vol 35, 1984, pp 209-214.	
		SEoudi et al; Stereotactic Core Needle Biopsy of Nonpalpable Breast Lesions- Initial Experience With a Promising Technique; Arch. Surgery, Vol. 133, April 1998; pp 368-372	
		HOFMANN et al.; Biodegradable Implants in Orthopaedic Surgery - A Review on the State-of-the-Art; Clinical Materials; Vol 10, 1992; pp 75-80	
B8		PARKER and BURBANK; A Practical Approach to Minimally Invasive Breast Biopsy; Radiology, vol 200, 1996, pp 11-20.	
		Letters; Letters to the American Journal of Radiology; AJR vol. 164, January 1995, pp 260-261	
Examiner Signature	Bijan Sinaei		Date Considered
			5-16-06

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STATEMENT BY APPLICANT**
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Sheet 2 of 2

Application Number	
Filing Date	7-30-2003
First Named Inventor	Seth A. Poerostar
Group Art Unit	
Examiner Name	
Attorney Docket Number	END-897DNE

U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS								
Examiner Initials	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear	T ²
		Office ³	Number ⁴	KindCode ⁵				
							ALL	
							ALL	
Examiner Signature	<i>Brian Samuel</i>					Date	<i>5-18-06</i>	
						Considered		

Signature Boris Jemel **Country** Czechia

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	Filing Date	11-30-2003
	First Named Inventor	Seth A. Foerster
	Group Art Unit	
	Examiner Name	
	Attorney Docket Number	END-897DIY1

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		Number	Kind Code ² (if known)			
PS		4,086,914		Moore, Edwin Bailey	05/78	ALL
		4,402,308		Scott, Walter P.	09/83	ALL
		4,709,703		Lazarow et al.	12/87	ALL
		4,871,094		Fujloka et al.	12/87	ALL
		5,358,474		Kaldany, Antoine	10/94	ALL
		5,487,392		Haaga, John R.	01/96	ALL
		5,526,822		Burbank et al.	06/96	ALL
		5,538,010		Darr et al.	07/96	ALL
		5,562,613		Kaldany, Antoine	10/96	ALL
		5,649,547		Ritchart et al.	07/97	ALL
		6,056,700		Burney et al.	03/99	ALL
		5,002,548		Campbell et al.	03/26/91	ALL
		5,242,457		Alcopov et al.	09/93	ALL
		5,413,584		Schulze	05/95	ALL
		5,496,314		Eggers	03/96	ALL
		5,681,262		Isse	10/97	ALL
BS		6,228,055	B1	Foerster et al.	05/08/01	ALL

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵				
							ALL	

Examiner Signature	Date Considered	OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	
Examiner's Initials*	Cite No. ¹	Include name of the author (in CAPITOL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ⁶
BS		S.S. Kramer et al; "Permanent Radiopaque Marker Technique for the Study of Pharyngeal Swallowing in Dogs", Dysphagia vol., pp. 183-187 (1987).	
BS		Homer et al; "The Geopgraphic Cluster of Microcalcifications of the Breast" Surgery, Gynecology & Obstetrics, DCC. (1985).	
		Finan et al; "Intratestinal Radiotherapy for Early Stage Vaginal Cancer", The Journal of Reproductive Medicine, Vol. 38, No. 3 Mar. 1993	

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STATEMENT BY APPLICANT
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Sheet 2 of 2

Application Number	
Filing Date	7-30-2003
First Named Inventor	James A. Esposito
Group Art Unit	
Examiner Name	
Attorney Docket Number	END-89701N1

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		Number	Kind Code ² (if known)			
ES		4,197,846		Bucalo	04/15/80	ALL
		4,247,406		Widder et al.	01/27/81	ALL
		4,718,897		Elves	01-12-1988	ALL
		4,787,391		Eleftreriades	11-29-1988	ALL
		5,108,421		Fowler	04-28-1992	ALL
		5,122,147		Sewell	06-16-1992	ALL
		5,201,314		Bosley et al.	04-13-1993	ALL
		5,718,237		Haaga	02-17-1998	ALL
		5,873,904		Ragheb et al.	02-23-1999	ALL
		5,879,357		Heaton et al.	03-09-1999	ALL
		6,161,034		Burbank et al.	12-12-2000	ALL
		6,270,464		Fulton et al.	08-07-2001	ALL
		6,347,241		Burbank et al.	02-12-2002	ALL
		6,356,782		Sirimanne et al.	03-12-2002	ALL
ES		2001/0023322	A1	Esposito et al.	09-20-2001	ALL

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear	T ⁴
		Office ³	Number ⁴	Kind Code ⁵				
ES		WO	00/24320	A1	Esposito et al.	05-04-2000	ALL	
ES		JP	9-66063	A	Koken Co., LTD (Translation)	03-11-1997	ALL	

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

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ES		LEE and KNOCHER; Technical Developments and Instrumentation: Air as an Ultrasound Contrast Marker for Accurate Determination of Needle Placement; Radiology 143; June 1982; pp 787-788	
		SULLIVAN; Perspective: Needle Core Biopsy of Mammographic Lesions; AJR vol 162, March 1994 (received 9/20/1993) pp 601-608.	
		YANDOW and MATAALLANA; Gas Contrast Guided Needle Biopsy of the Head of the Pancreas; Radiology vol. 137, November 1980; pp 543 - 544.	
ES		LEE et al.; Air as a Contrast Marker for Ultrasound-Guided Fetal Transfusions; Radiology, vol 138, Feb. 1981, pp 490-491.	
Examiner Signature		Date Considered	5-18-06

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